

10/593, 113

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
14 December 2006 (14.12.2006)

PCT

(10) International Publication Number
WO 2006/131930 A2

(51) International Patent Classification:
A61F 2/06 (2006.01)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/IL2006/000678

(22) International Filing Date: 11 June 2006 (11.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/689,147 10 June 2005 (10.06.2005) US

(71) Applicant (for all designated States except US): SAGAX INC. [IL/IL]; 57a HaPoel Street, 46600 Herzlia Pitauach (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NAOR, Gil [IL/IL]; 4 Hatziporen Street, 47284 Ramat-hasharon (IL). SHIMON, Dov V. [IL/IL]; 57a Hapoel Street, 46600 Herzlia Pitauach (IL).

(74) Agents: G.E. EHRLICH (1995) LTD. et al.; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2006/131930 A2

(54) Title: IMPLANT DEVICE PARTICULARLY USEFUL FOR IMPLANTATION IN THE INTRAVASCULAR SYSTEM FOR DIVERTING EMBOLI

(57) Abstract: A device for implantation in the body of a subject to divert solid particles from entering branch passageways, particularly useful for diverting emboli from branch blood vessels. The implant device includes an anchoring section for firmly anchoring in the branch blood vessel, and a diverter section projecting into the main blood vessel at the upstream side of the branch blood vessel. The diverter section is constructed to permit blood flow through the main blood vessel but includes an outer surface facing the upstream side of the main blood vessel effective to divert emboli in the blood from entering the branch blood vessel.